

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Original) Mixture of isolated or synthetic affinity molecules in a liquid carrier comprising at least two different affinity molecules, each with affinity for a predetermined analyte, for use in a single or multi flow cell piezoelectric crystal micro balance apparatus.
2. (Original) Mixture according to claim 1, wherein each isolated or synthetic affinity molecule forms together with the predetermined analyte an interaction pair selected from the group consisting of anion-cation, antibody-antigen, receptor-ligand, enzyme-substrate, oligonucleotide-oligonucleotide with complementary sequence, oligonucleotide-protein, oligonucleotide-cell, and peptide nucleic acid (PNA) oligomer-polynucleotide, wherein the polynucleotide may be selected from the group consisting of RNA, DNA and PNA polymers complementary to the PNA oligomer.
3. (Currently Amended) Mixture according to claim 1 [[or 2]], wherein each isolated or synthetic affinity molecule is selected from the group consisting of monospecific polyclonal or monoclonal antibodies, antibody fragments or derivatives thereof each with affinity for a predetermined analyte antigen.
4. (Original) Mixture according to claim 3, wherein the concentration of each of the different affinity molecules is between 0.01-0.8 mg/ml of the liquid carrier.
5. (Currently Amended) Mixture according to ~~any one of claims 1-4~~ claim 1, wherein the liquid carrier is water and additionally contains a buffer, stabilizers and/or preservatives.
6. (Currently Amended) Mixture according to ~~any one of claims 1-5~~ claim 1, wherein each of the analytes is selected from the group consisting of different narcotics selected from the group consisting of cocaine, heroin, amphetamine, methamphetamine, cannabinois, tetrahydrocannabinols (THC), and methylenedioxy-N-methylamphetamine (ecstasy).

7. (Currently Amended) Mixture according to ~~any one of claims 1-5~~ claim 1, wherein each of the analytes is selected from the group consisting of different explosives selected from the group consisting of trinitrotoluene (TNT), dinitrotoluene (DNT), hexahydro-1,3, 5-trinitro-1,3,5-triazine (RDX), octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazine (HMX), pentaerythritol tetranitrate (PETN), and nitroglycerine (NG).
8. (Currently Amended) Mixture according to ~~any one of claims 1-5~~ claim 1, wherein each of the analytes is selected from the group consisting of different biomolecules, microorganisms and parts thereof.
9. (Original) Mixture according to claim 8, wherein the microorganisms are selected from bacteria, bacterial spores, mycobacteria, fungi, and viruses.
10. (Currently Amended) Use of a mixture according to ~~any one of claims 1-9~~ claim 1 for introduction into the liquid flow of a single or multi flow cell piezoelectric crystal micro balance apparatus.
11. (Original) Use according to claim 10, wherein the mixture of affinity molecules is mixed with a test sample solution that possible contains one or several or the predetermined analyte(s) prior to introduction into the liquid flow of the apparatus for affinity binding competition with analyte-analogues of the predetermined analytes which analyte-analogues are immobilized on the electrode(s), for competition mode analysis.
12. (Original) Use according to claim 10, wherein the introduction into the liquid flow of the apparatus is for activation or reactivation of one or several flow cell crystal electrode(s) by attachment to analyte-analogues of the predetermined analytes which analyte-analogues are immobilized on the electrode(s).
13. (Currently Amended) Use according to ~~any one of claims 10 to 12~~ claim 10, wherein the mixture is introduced into the continuous flow of the apparatus at intervals.
14. (Original) Use according to claim 13, wherein the interval is selected from the range of 20 minutes to 24 hours.

15. (Currently Amended) Use according to ~~claim 13 or 14~~ claim 13, wherein the mixture is introduced into the continuous flow of the apparatus after recovery of the electrode with an pH-lowering agent, such as glycine.

16. (Currently Amended) Kit containing a stable or stabilized mixture according to ~~any one of claims 1-9~~ claim 1.